



PRECINCT

PRECINCT Conference

on

Critical Infrastructure Protection, Cybersecurity and Crisis Management

Day 1 – May 16th

AGENDA

<u>Time</u>	<u>Topic</u>	<u>Speaker</u>
9.00 - 9.30	Welcome and Registration	PRECINCT Consortium
9.30 - 9.45	Opening of the Conference	Ms. Natalja Miolato , <i>Project Advisor at the Research Executive Agency</i>
9.45 – 10:00	Keynote speech #2	Mr. Alessandro Lazari , <i>Senior Key Account Manager at F24 AG</i>
9:30 - 10:30	Panel Session – Hybrid Threats	Chair: Dr. Stefan Schauer , <i>Senior Researcher for Security & Communication Technologies at AIT</i> Speakers: <ul style="list-style-type: none">• Mr. Alessandro Lazari, <i>Senior Key Account Manager at F24 AG</i>• Dr. Päivi Mattila, <i>Director of Security Research Program & EU-HYBNET project coordinator</i>• Gilda de Marco, <i>R&D - European Projects at Insiel</i>
11:00-11:15	Audience Q&A	Dr. Stefan Schauer , <i>Senior Researcher for Security & Communication Technologies at AIT</i>
<i>Coffee break</i>		
11.30 - 12.15	Panel Discussion on the Use of Living Labs	Mrs. Shirley Delannoy , <i>Researcher, VIAS Institute</i>
12:15-12:30	Audience Q&A	Mrs. Shirley Delannoy , <i>Researcher, VIAS Institute</i>
<i>Lunch break</i>		
13:30 - 13.45	Practical Information on the Break-Out Sessions	Dr. Giovanni Nisato , <i>Managing Director & Founder of Innovation Horizons; Inlecom Commercial Pathways</i>
13.45 - 15.15	Break-out session #1: Cybersecurity Datasets: Challenges and Opportunities	Dr. Erkuden Rios , <i>Director of Cybersecurity R&I projects at TECNALIA/Coordinator of AI4CYBER</i>



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	Break-out session #2: To be confirmed	To be confirmed
	Break-out session #3: <i>PRECINCT's 2nd Training & Capacity Building Programme</i>	Mrs. Marisa Escalante, <i>Project Manager at TECNALIA</i>
<i>Coffee break</i>		
15.30 - 17.00	Break-out session #4: <i>Standardization in PRECINCT & STRATEGY, and future policy recommendations</i>	Mrs. Loredana Mancini, <i>PRECINCT Impact Manager</i> Dr. Georgios Sakkas, <i>Research Associate at KEMEA</i>
	Break-out session #5: <i>To be confirmed</i>	PRAETORIAN Consortium, <i>TBC</i>
	Break-out session #6: <i>Critical Infrastructure Resilience through Public Transport</i>	Mrs. Carmela Canonico, <i>Safety & Security Manager at UITP</i>
17.00 - 17.30	Conclusions – End of Day 1	Dr. Giovanni Nisato, <i>Managing Director & Founder of Innovation Horizons</i>

Day 2 – May 17th

AGENDA

Time	Topic	Partner Responsible
8.30 - 9.00	Welcome and Registration	PRECINCT Consortium
9.00 - 9.15	Opening of Day 2	Dr. Giovanni Nisato, <i>Managing Director & Founder of Innovation Horizons</i>
9.15 - 9.30	Keynote speech	Mr. Giannis Skiadaresis, <i>Area Coordinator for Strengthened Security Research and Innovation (SSRI), DG HOME</i>
10.00 - 11.00	Panel Discussion on Innovation Uptake for Critical Infrastructure Protection	Chair: Mr. Mark Miller, <i>CEO of Conceptivity & Vice-Chair of EOS</i> Speakers: <ul style="list-style-type: none"> • Mr. Giannis Skiadaresis, <i>Area Coordinator for Strengthened Security Research and Innovation (SSRI), DG HOME</i> • Dr. Takis Katsoulakos <i>Managing Director for Inlecom Commercial Pathways (TBC)</i> • Mr. Isto Mattila <i>R&D Director at Laurea University of Applied Sciences & CEO of Dicitur Ltd</i> • Dr. Giovanni Nisato <i>Managing Director & Founder</i>



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		<i>of Innovation Horizons; Inlecom Commercial Pathways</i>
11:00-11:15	Audience Q&A	Mr. Mark Miller , <i>CEO of Conceptivity & Vice-Chair of EOS</i>
<i>Coffee Break</i>		
10.45 - 11:45	The Resilience of Critical Entities: a New EC Directive	Chair <ul style="list-style-type: none"> • Dr. Georgios Sakkas, <i>Research Associate at KEMEA</i> • Dr. Monica Cardarilli, <i>Project Officer, Security Risks, Critical Infrastructure Resilience & Hybrid Threats at the JRC (TBC)</i> • Dr. Erkuden Rios, <i>Director of Cybersecurity R&I projects at TECNALIA/Coordinator of AI4CYBER</i> • Dr. Aikaterini Poustourli, <i>Scientific Fellow of STRATEGY/Satways Ltd.)</i> • Mr. Paolo Venturoni, <i>CEO of the European Organisation for Security</i>
11:45 – 12:15	Pan-European Network for Resilient Infrastructures	EU-CIP Representative
12:15 - 12:45	After PRECINCT, DYNABIC	Dr. Erkuden Rios , <i>Director of Cybersecurity R&I projects at TECNALIA</i>
12:45 - 13.00	Closing of the Conference	Dr. Giovanni Nisato , <i>Managing Director & Founder of Innovation Horizons</i>



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Break-out Session Descriptions:

BOS #1: "Cybersecurity Datasets: Challenges and Opportunities"

The session, developed by AI4CYBER is dedicated to discuss on the difficulties and opportunities of using and sharing cybersecurity related datasets for cybersecurity research and cybersecurity solution development. When using models and algorithms to develop AI-based cybersecurity solutions, the learning requires big amounts of well-structured and sanitized data which are sometimes difficult to get.

Some literature works include open datasets, but they are difficult to reuse as a basis of further research. Creating the datasets synthetically is often hard because it is not easy to replicate the nature of the attacks and getting realistic results is challenging.

In the workshop we will discuss on available open datasets, sources of datasets, reusable datasets, means and principles for sharing datasets, etc.

Suggested attendees:

Cybersecurity researchers dealing with AI used in threat detection, threat simulation, code testing, incident response, etc.



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Learn about our Partner Projects in the Conference!

AI4CYBER

The AI4CYBER project (<https://ai4cyber.eu>) is an EU-funded research project of the Horizon Europe Programme, Grant Agreement No. 101070450, and it aims to establish an Ecosystem Framework of next generation AI-based services for supporting critical system developers and operators to efficiently manage system robustness, resilience, and appropriate response in the face of advanced and AI-powered cyberattacks. The project will thus deliver a collection of innovative resilience and autonomous response services that leverage AI models and Big Data, aimed to be encapsulated in cybersecurity tools to ensure a continuum of system protection.

DYNABIC

The DYNABIC project (<https://dynabic.eu/>) is a EU funded-research project working in the areas of Critical Infrastructure Protection and dynamic response against cyber-physical threats, as well as in the creation of Digital Twins for business continuity analysis and situational awareness. The goal is to increase the resilience and business continuity capabilities of European critical services in the face of advanced cyber-physical threats. This objective will be pursued by delivering new socio-technical methods, models and tools to support resilience through holistic business continuity risk management and control in operation, and dynamic adaptation of responses at multiple planes of action: system, human and organization planes.

EU-CIP

The EU-CIP project (<https://www.eucip.eu/>) is a EU funded-research project working in the areas of Critical Infrastructure Protection. The main goal of EU-CIP is to establish a novel pan European knowledge network for Resilient Infrastructures, which will enable policy makers to shape and produce data-driven evidence-based policies, while boosting the innovation capacity of Critical Infrastructures (CI) operators, authorities, and innovators (including SMEs). In this direction, the partners have already established the European Cluster for Securing Critical infrastructures (ECSCI), which brings together 22 projects that collaborate in CI Resilience. EU-CIP will leverage the capacity, organization, community, and achievements of the ECSCI cluster towards establishing an EU-wide knowledge network with advanced analytical and innovation support capabilities.

EU-HYBNET

EU-HYBNET (<https://euhybnet.eu/>) is an EU funded project aiming at enriching the existing European networks countering hybrid threats and ensuring long term sustainability. This will be achieved by defining the common requirements of European practitioners' and other relevant actors in the field of hybrid threats. Ultimately, this can fill knowledge gaps, deal with performance needs, and enhance capabilities or research, innovation and training endeavours concerning hybrid threats. EU-HYBNET will monitor developments in research



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and innovation activities as applied to hybrid threats; so to indicate priorities for innovation uptake and industrialization and to determine priorities for standardization for empowering the Pan-European network to effectively counter hybrid threats. EU-HYBNET will establish conditions for enhanced interactions with practitioners, industry, and academia for a meaningful dialogue and for increasing membership in the network.

PRAETORIAN

The PRAETORIAN project (<https://praetorian-h2020.eu/>) is a EU funded-research project working in the area of Critical Infrastructure Protection against combined cyber-physical threats. PRAETORIAN strategic goal is to increase the security and resilience of European CIs, facilitating the coordinated protection of interrelated CI against combined physical and cyber threats. To that end, the project will provide a multidimensional (economical, technological, policy, societal) yet installation-specific toolset. The PRAETORIAN toolset will support the security managers of Critical Infrastructures (CI) in their decision making to anticipate and withstand potential cyber, physical or combined security threats to their own infrastructures and other interrelated CIs that could have a severe impact on their performance and/or the security of the population in their vicinity.

STRATEGY

The STRATEGY EU funded project (<https://strategy-project.eu/about/>) aims to build and implement a pan-European pre-standardisation framework and to map, test and validate new and existing standards across eight thematic streams in crisis management: Search and rescue, Critical infrastructure protection, Response planning, Command and control, Early warning and Rapid damage assessment, Chemical, Biological, Radiological, Nuclear and high-yield Explosive threats (CBRN-E), Training, Terminology/Symbology. The ultimate project goal is to strengthen the resilience of the EU against all types of natural & man-made disasters (multi-hazard approach), by ensuring first responders' safety and empowering their operational capacity through standardisation that may support next generation solutions and procedures, ensuring an effective and efficient collaborative response to crises.